

FEATURES

- Pure sine wave solar inverter
- WIFI&GPRS available for IOS and Android
- Built-in 80A MPPT solar charger
- High PV input voltage range(30~40vDC)
- Built-in anti-dust kit for harsh environment
- Smart battery charge design to optimize battery life
- Meet rich customized demands
- Compatible with lithium battery
- Solar energy is provided directly to the load first



Technical Parameters

MODEL		BSY-2.0KW-12V	BSY-3.2KW24V
	Rated Power	2000VA/1600W	3200VA/3000W
AC INPUT	Voltage	230VAC	
	Selectable Voltage Range	170~280VAC(ForPersonal Computers)	
		90~280VAC(ForHome Appliances)	
	Frequency Range	50 Hz/60Hz(Auto sensing)	
AC OUTPUT	AC Voltage Regulation	230VAC±5%	
	Surge Power	4000VA	6400VA
	Efficiency(Peak)PV to INV	98%	
	Efficiency(Peak)Battery to INV	94%	
	Transfer Time	10 ms (For Personal Computers):20 ms (For Home Appliances)	
BATTERY	Battery Voltage	12VDC	24VDC
	Floating Charge Voltage	13.5VDC	27VDC
	Overcharge Protection	16VDC	33VDC
SOLAR CHARGER & AC CHARGER	Solar Charger Type	MPPT	
	Maximum PV Array Power	3000W	3000W
	MPPT Range @ Operating Voltage	30~400VDC	
	Maximum PV Array Open Circuit Voltage Solar	400VDC	
	Max Input Current	1/13A	
	Maximum Solar Charging Current	80A	
	Maximum AC Charging Current	60A	
	Maximum Solar+AC Charging Current	80A	
PHYSICAL	Dimension, D*W*H(mm)	357*273*95	
	Cartoon Dimension, D*W*H(mm)	435*335*165	
	Net Weight(kgs)	4.6	4.8
ENVIRINMENT	Operating Temperature	-10°C~50°C	
STANDARD	Compliance Safety	CE	

Product specifications are subject to change without further notice.